

Rec'd PCT/PTO 10 JAN 2005

10/520615

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
22 January 2004 (22.01.2004)

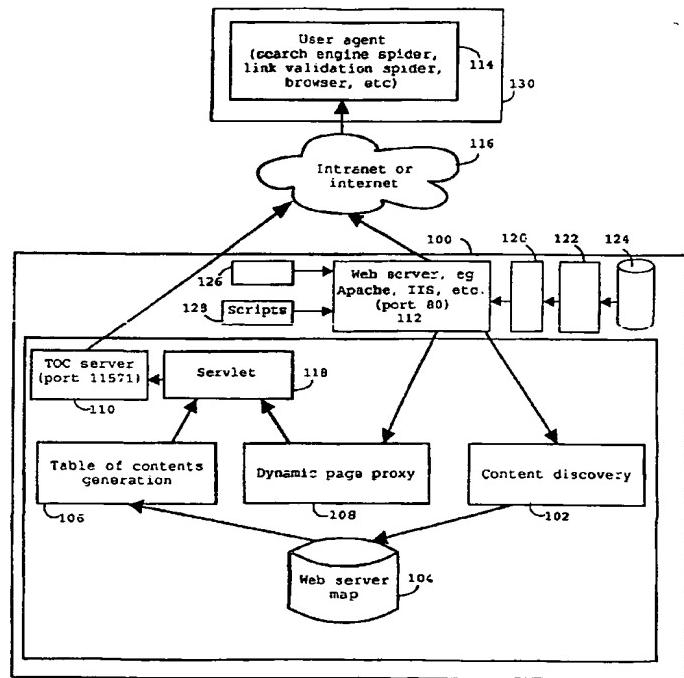
PCT

(10) International Publication Number
WO 2004/008340 A1

- (51) International Patent Classification⁷: G06F 17/30
- (21) International Application Number: PCT/AU2003/000904
- (22) International Filing Date: 11 July 2003 (11.07.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
2002950134 11 July 2002 (11.07.2002) AU
- (71) Applicant (for all designated States except US): YOURAMIGO PTY LTD [AU/AU]; 1st Floor, 80 Gilbert Street, ADELAIDE, South Australia 5000 (AU).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): KRIEG, Jeremy, Darren [AU/AU]; 4 Kings Avenue, BLAIR ATHOL,
- South Australia 5084 (AU). SCHUTZ, Jonathan, James [AU/AU]; Lot 6 Range Road North, UPPER HIERMITAGE, South Australia 5131 (AU). FLAY, Richard, Simon [AU/AU]; 16 Kingston Avenue, HAPPY VALLEY, South Australia 5159 (AU).
- (74) Agent: DAVIES COLLISON CAVE; WEBBER, David, Brian, 1 Little Collins Street, Melbourne, Victoria 3000 (AU).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, HS, HI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

[Continued on next page]

(54) Title: A LINK GENERATION SYSTEM



(57) Abstract: A link generation system, including a content discovery module for processing data files of a network server to identify servable data, and a link generator for generating links to the servable data to allow the servable content to be accessed using the links. The link generator generates encoded links for accessing dynamically generated data of the network server, the encoded links being in a form suitable for an indexing agent. The link generator processes a database of the network server to determine query data for retrieving servable data from the database. A proxy server receives a request generated in response to selecting one of the encoded links, translates the request, and forwards it to the network server to access corresponding dynamically generated data. The link generation system generates links that can be used to access all of a web site's content, in particular content for which no accessible link previously existed, including dynamically generated content. This allows web site indexing spiders to index web site content that otherwise would not be found or indexed, making it available to search engines.

WO 2004/008340 A1